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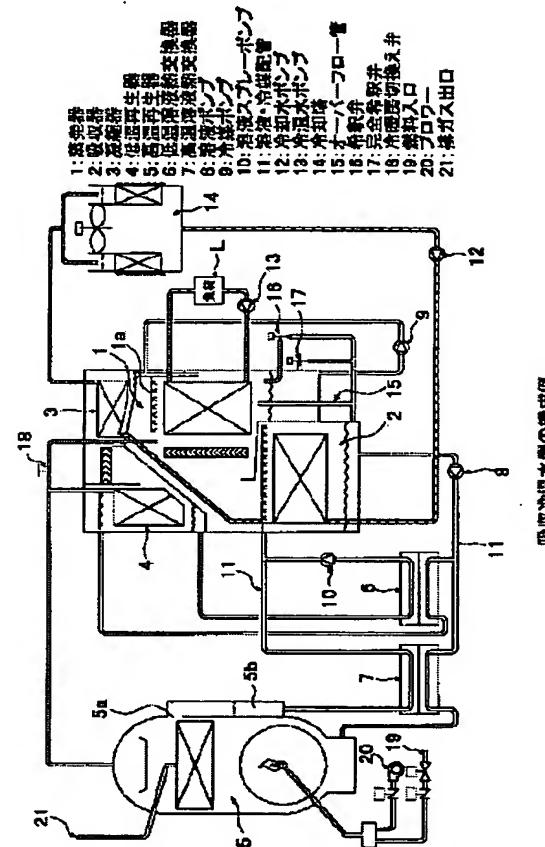
APPLICATION DATE : 30-06-00
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TITLE : ABSORPTION HOT AND CHILLED
 WATER GENERATOR



吸収冷温水器の構成図

ABSTRACT : PROBLEM TO BE SOLVED: To provide a failure free stabilized absorption hot and chilled water generator in which crystallization can be prevented surely.

SOLUTION: An evaporator 1, an absorber 2, a high temperature solution heat exchanger 7, a low temperature solution heat exchanger 6, a low temperature regenerator 4, a condenser 3, a high temperature regenerator 5, a solution pump 8, and a refrigerant pump 9 are coupled through piping to constitute a refrigeration cycle of an absorption hot and chilled water generator. The absorption hot and chilled water generator comprises temperature sensors 26, 27 for sensing the outlet and inlet solution temperatures of the high temperature regenerator 5, and a controller 22 for operating the temperature difference Δt between the outlet and inlet solution temperatures and performing any one or more of throttling the heat source quantity of the absorption hot and chilled water generator, delivering an alarm and stopping dilution when the operated temperature difference deviates from a specified range.

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